



T-104
2022

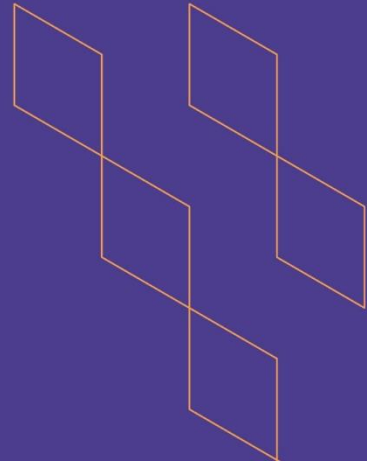
Course Specification





T-104
2022

Course Specification



Course Title: **Research Project 2**

Course Code: **562-PHR-3**

Program: **Pharmaceutical Sciences**

Department:

College: **College of Pharmacy**

Institution: **Najran University**

Version: **1**

Last Revision Date: **23/12/2023**



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A. General information about the course:

Course Identification

1. Credit hours: 3 Credits (T:0 + P:3)

2. Course type

a. University ☐ College ☐ Department ☐ Track ☐ Others ☒

b. Required ☒ Elective ☐

3. Level/year at which this course is offered: 10th level/ 5th year

4. Course general Description

This course aims to guide students in conducting a research project after approval of the research proposal in one of the pharmaceutical sciences aspects (approved research proposal in 561-PHR-3 course). This course will also guide the student on how to conduct pharmaceutical research properly and communicate the research results and findings using effective presentation skills.

5. Pre-requirements for this course (if any):
Research Project 1 (561-PHR-3)

6. Co- requirements for this course (if any): NA

7. Course Main Objective(s)

By completing this course, students should be able to:

1. Conduct pharmaceutical research using proper scientific approach
2. Draw appropriate conclusions from the analysis of data obtained from the research
3. Communicate research results and findings using effective presentation skills
4. Write the final research project
5. Present the final research project

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	90	100%
2.	E-learning		
3.	Hybrid <ul style="list-style-type: none"> • Traditional classroom • E-learning 		
4.	Distance learning		

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	
2.	Laboratory/Studio	90
3.	Field	
4.	Tutorial	
5.	Others (specify)	
	Total	90





B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Demonstrate the relevant methods relating to research within the field of pharmaceutical sciences	K1	Problem-based learning	Periodical assignments (reports)
1.2				
...				
2.0	Skills			
2.1	Integrate pharmaceutical sciences with information obtained from different resources to provide creative solutions for complex problems	S1	-Case studies -Problem-based learning -laboratory work	-Periodical reports -Presentations
2.2				
...				
3.0	Values, autonomy, and responsibility			
3.1	Demonstrate leadership skills, confidence, and independent thinking	V4	- Discussions with students - Self-learning	- Periodical reports -presentations - Observation card
3.2				
...				

C. Course Content

No	List of Topics	Contact Hours
1.	Determined by the supervisor according to the title of the project chosen	90
Total		90



D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Continuous course assessment (monthly report)	1 st – 15 th	30%
2.	Final research project	16 th	40%
3.	Final Oral presentation	17 th	30%
...			

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)



E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Determined by the supervisor according to the title of the project chosen
Supportive References	Determined by the supervisor according to the title of the project chosen
Electronic Materials	sdl.edu.sa/SDLPortal/Publishers.aspx
Other Learning Materials	

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	- Classrooms (25 students) - Laboratories (20 students) - E-learning
Technology equipment (projector, smart board, software)	Projector
Other equipment (depending on the nature of the specialty)	

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Indirect
Effectiveness of students assessment	Examination committee	Direct
Quality of learning resources	Course coordinator and students	Indirect
The extent to which CLOs have been achieved	Course coordinator	Direct
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)



G. Specification Approval Data

COUNCIL /COMMITTEE	RESEARCH UNIT COMMITTEE
REFERENCE NO.	MEETING NO. 1
DATE	24/12/2023

